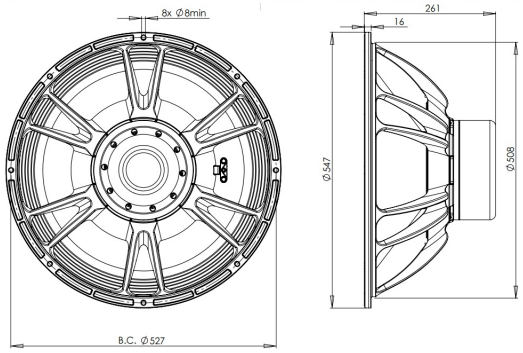
21SW152

LF Drivers - 21.0 Inches



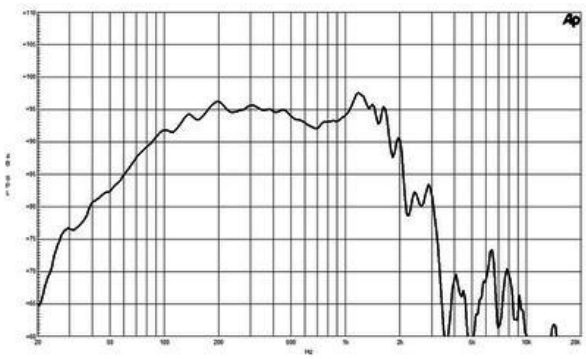
- 4000 W continuous program power capacity
- 153 mm (6 in) split winding copper voice coil
- 30 - 1000 Hz response
- 96 dB sensitivity
- 60 mm peak-to-peak excursion before damage
- Neodymium magnet allows a very high force factor and linear excursion
- Double silicone spider with optimized compliance
- Ventilated voice coil gap for reduced power compression
- Aluminium demodulating ring for very low distortion

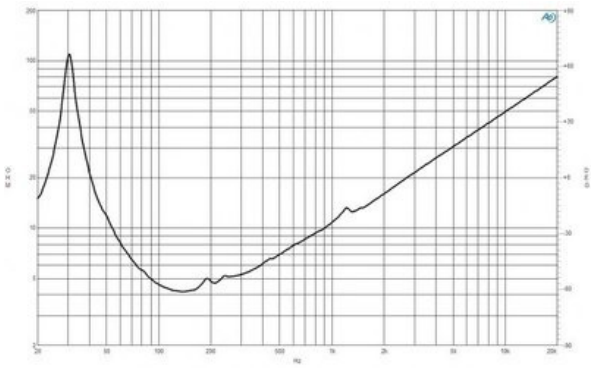
B&C Speakers s.p.a.

Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com

21SW152

LF Drivers- 21.0 Inches





SPECIFICATIONS

Nominal diameter	530 mm (21.0 in)
Nominal impedance	4 Ω
Minimum impedance	4.2 Ω
Nominal power handling[1]	2000 W
Continuous power handling[2]	4000 W
Sensitivity (1W/1m)[3]	96.0 dB
Frequency range	30 - 1000 Hz
Voice coil diameter	153 mm (6.0 in)
Winding material	Copper
Former material	Glass Fibre
Winding depth	30 mm (1.18 in)
Magnetic gap depth	12 mm (0.5 in)
Flux density	1.2 T

DESIGN

Surround shape	Triple Roll
Cone shape	Radial
Magnet material	Neodymium Inside Slug
Spider	Double Silicone
Pole design	T-Pole
Woofer cone treatment	TWP Waterproof Both Sides
Recommended enclosure	190.0 dm^3 (6.71 ft^3)
Recommended tuning	33 Hz

PARAMETERS

Fs	32 Hz
Re	3.3 Ω
Qes	0.31
Qms	7.0
Qts	0.3
Vas	200.0 dm^3 (7.0 ft^3)
Sd	1680.0 cm^2 (260.4 in^2)
η_0	2.2 %
Xmax	15.0 mm
Xvar	16.0 mm
Mms	460 g
Bl	32.5 Txm
Le	1.5 mH
EBP	103 Hz

MOUNTING AND SHIPPING INFO

Overall diameter	547 mm (21.5 in)
Bolt circle diameter	527 mm (20.7 in)
Baffle cutout diameter	508.0 mm (20.0 in)
Depth	261 mm (10.3 in)
Flange and gasket thickness	16 mm (0.63 in)
Air volume occupied by driver	16.0 dm^3 (0.56 ft^3)
Net weight	18.5 kg (40.7 lb)
Shipping units	1
Shipping weight	20.9 kg (46.0 lb)
Shipping box	590x590x300 mm (23.2x23.2x11.8 in)

SERVICE KIT

	RCK21SW1524

1. 2 hours test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.

B&C Speakers s.p.a.

Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com